

83

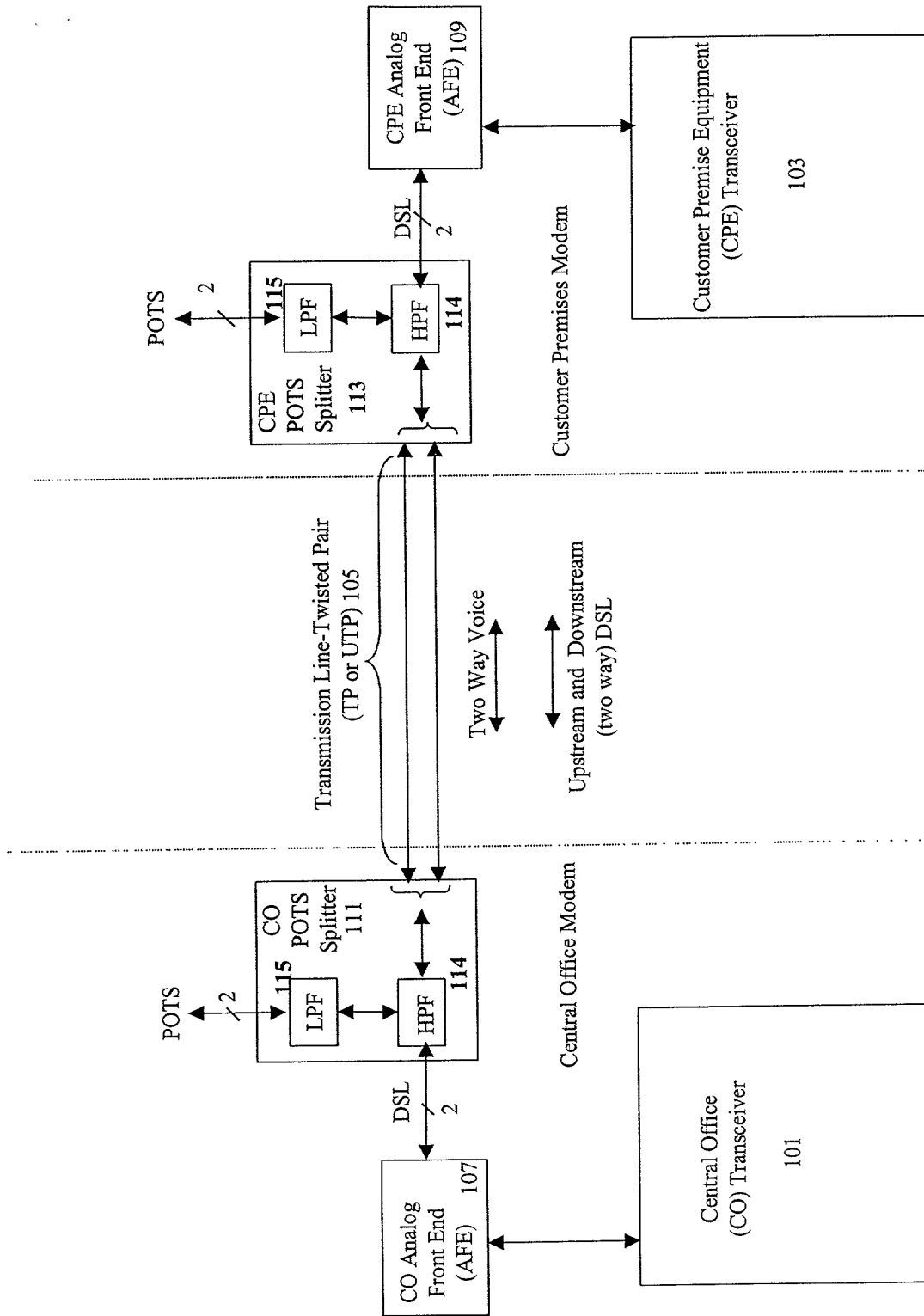


FIG. 1a

202007085510660

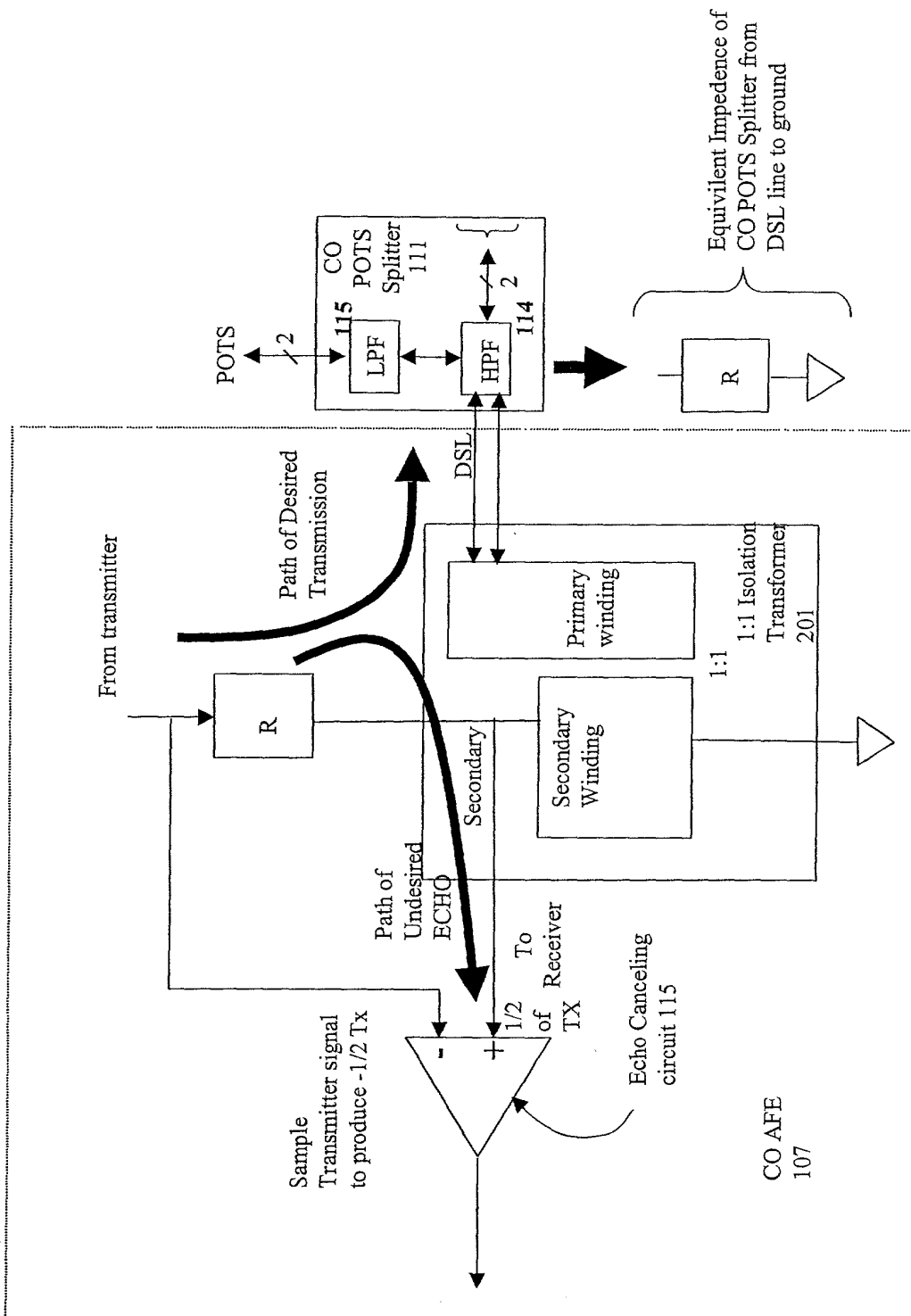
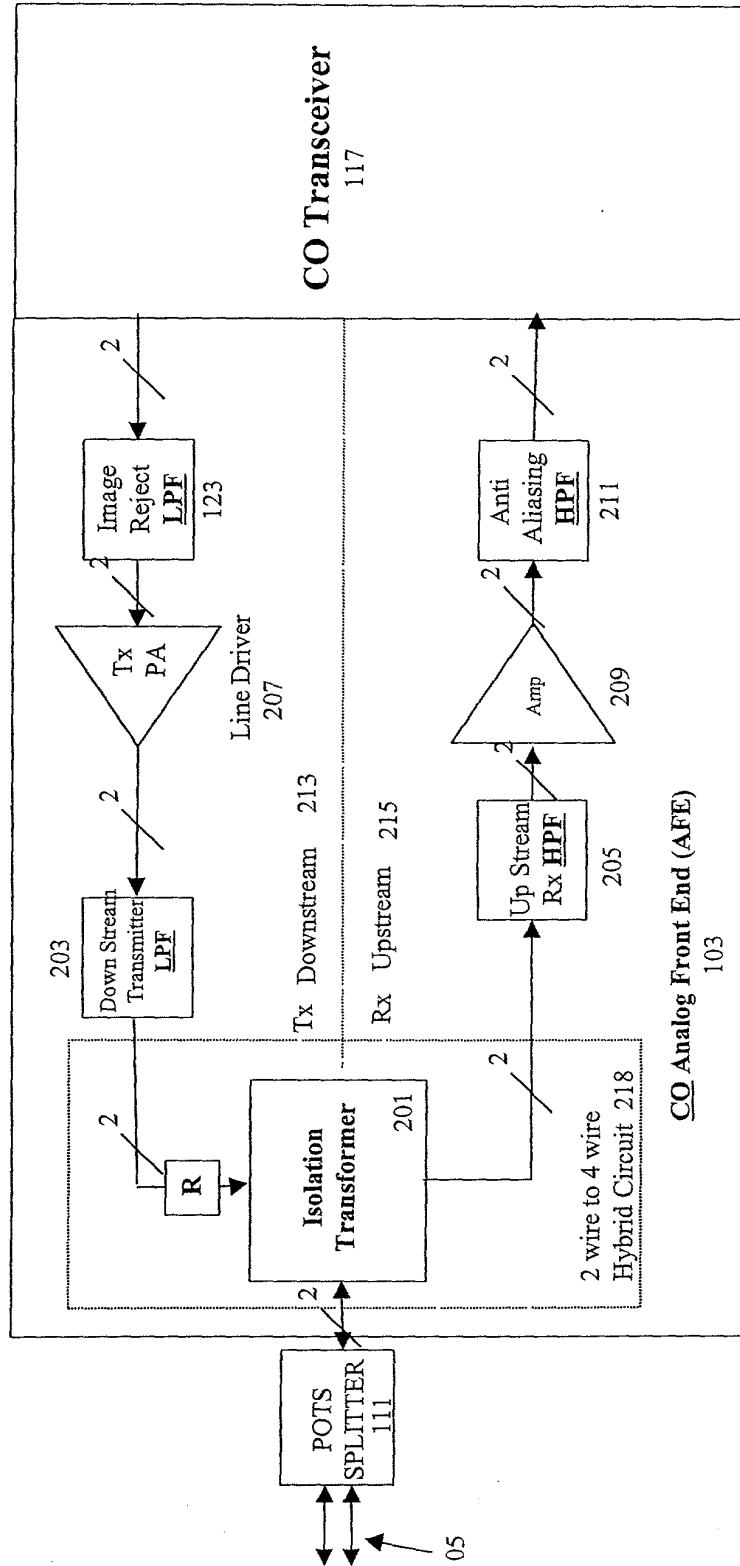


FIG. 1b

# Ballanced CO AFE PRIOR ART



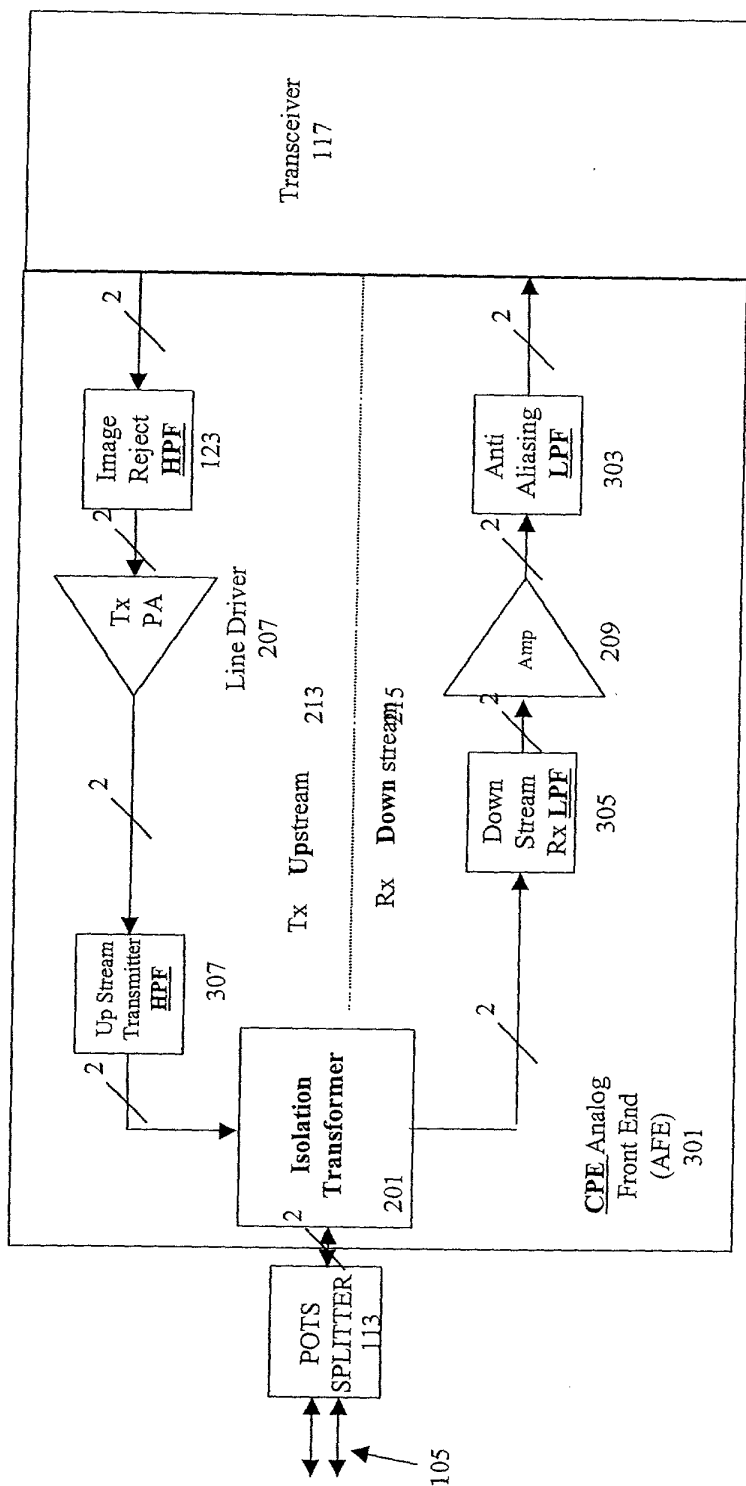
xDSL CARD for CO

FIG. 2

204070" 855T0660

# Ballanced CPE AFE

## PRIOR ART



xDSL CARD for CPE

FIG. 3

20200855T0660

CO Modem 400

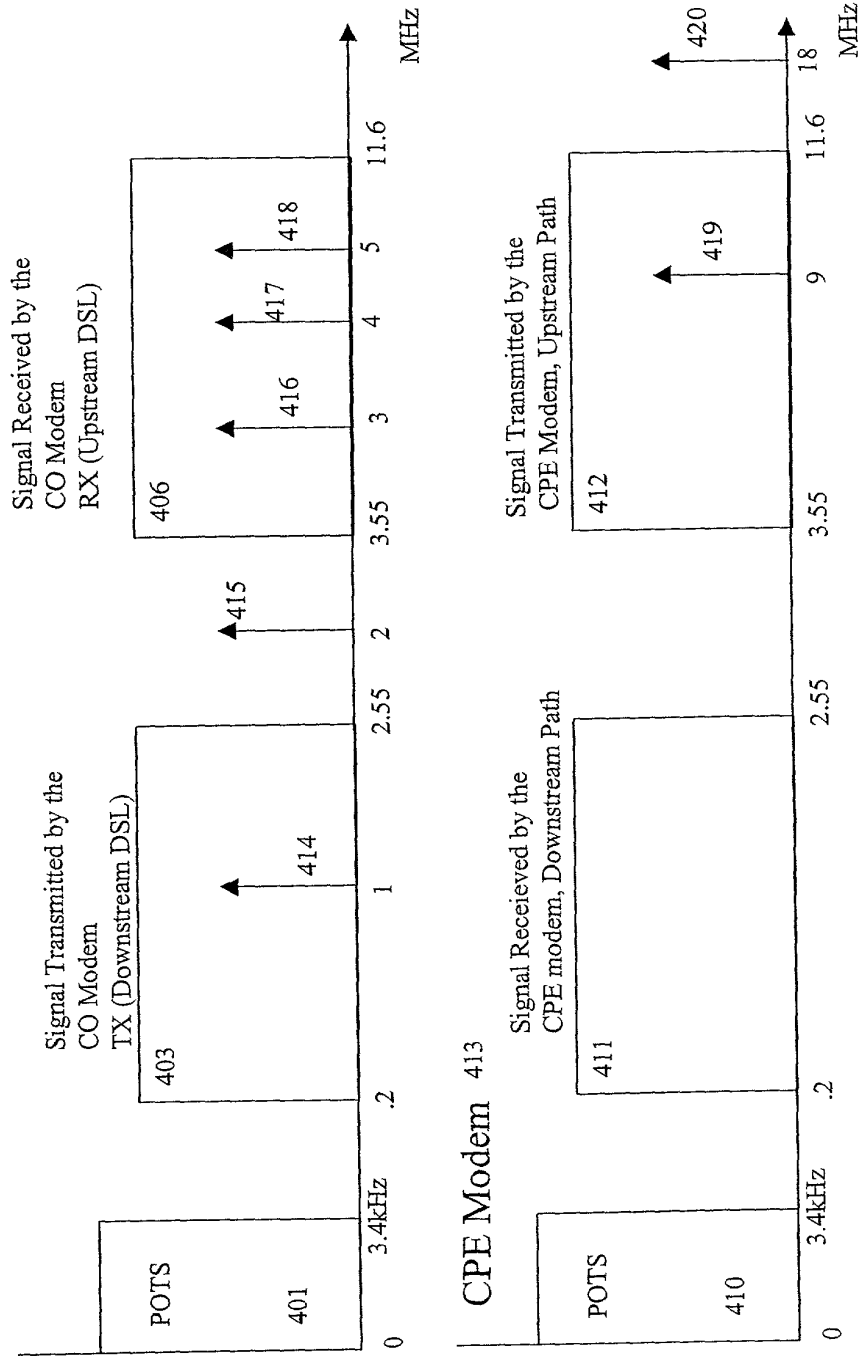


FIG. 4

# Single Ended CO AFE

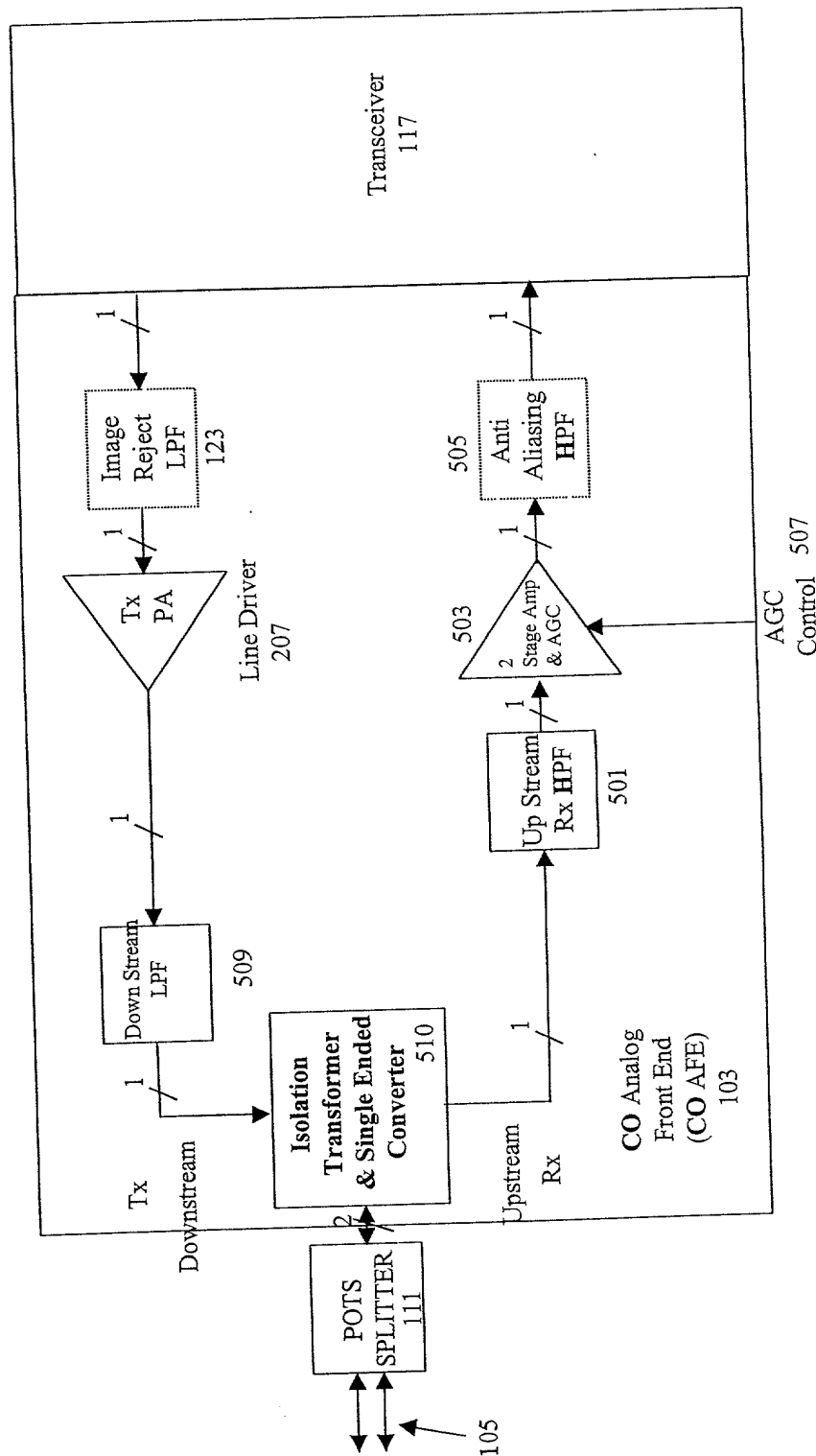
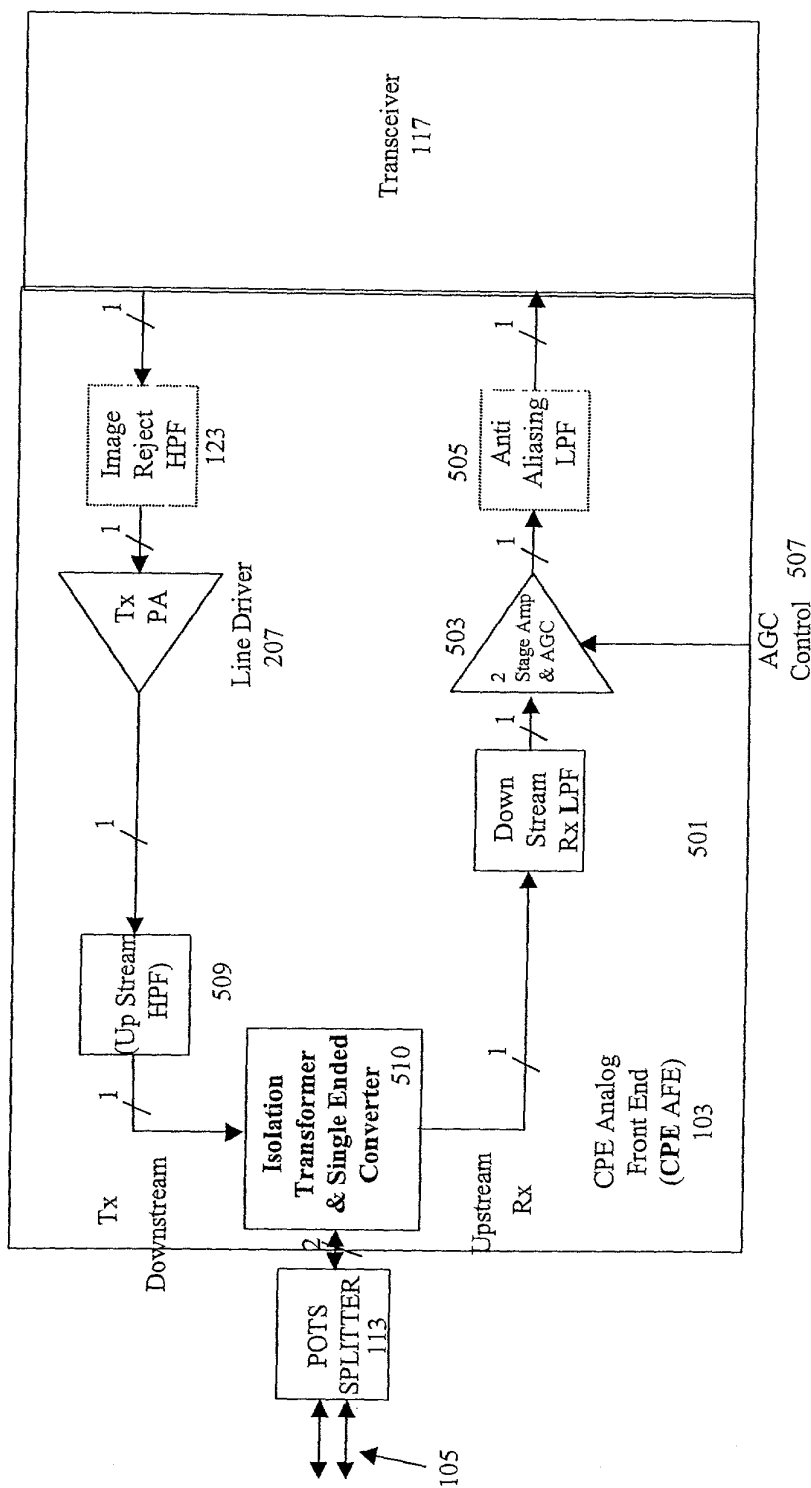


FIG. 5a

xDSL CARD for CO

# Single Ended CPE AFE



xDSL CARD for CPE

FIG. 5b

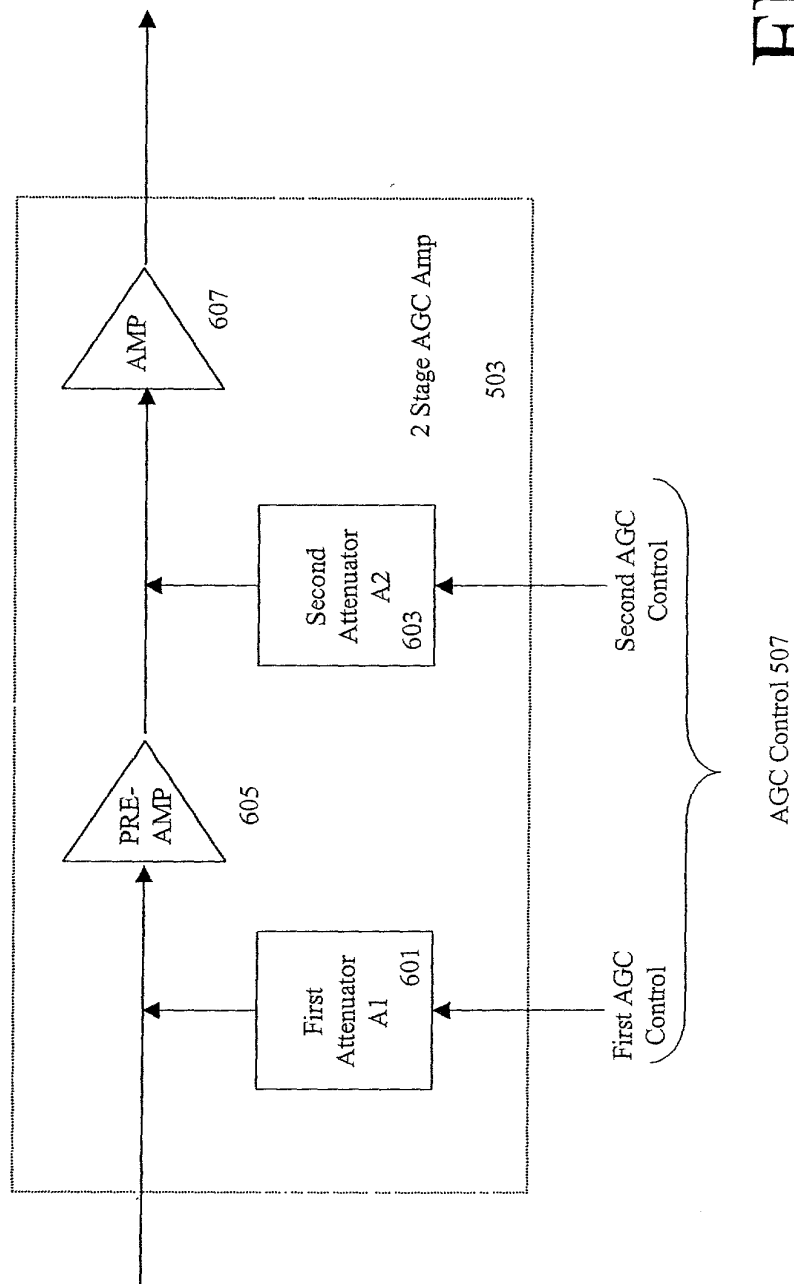
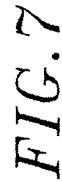


FIG. 6





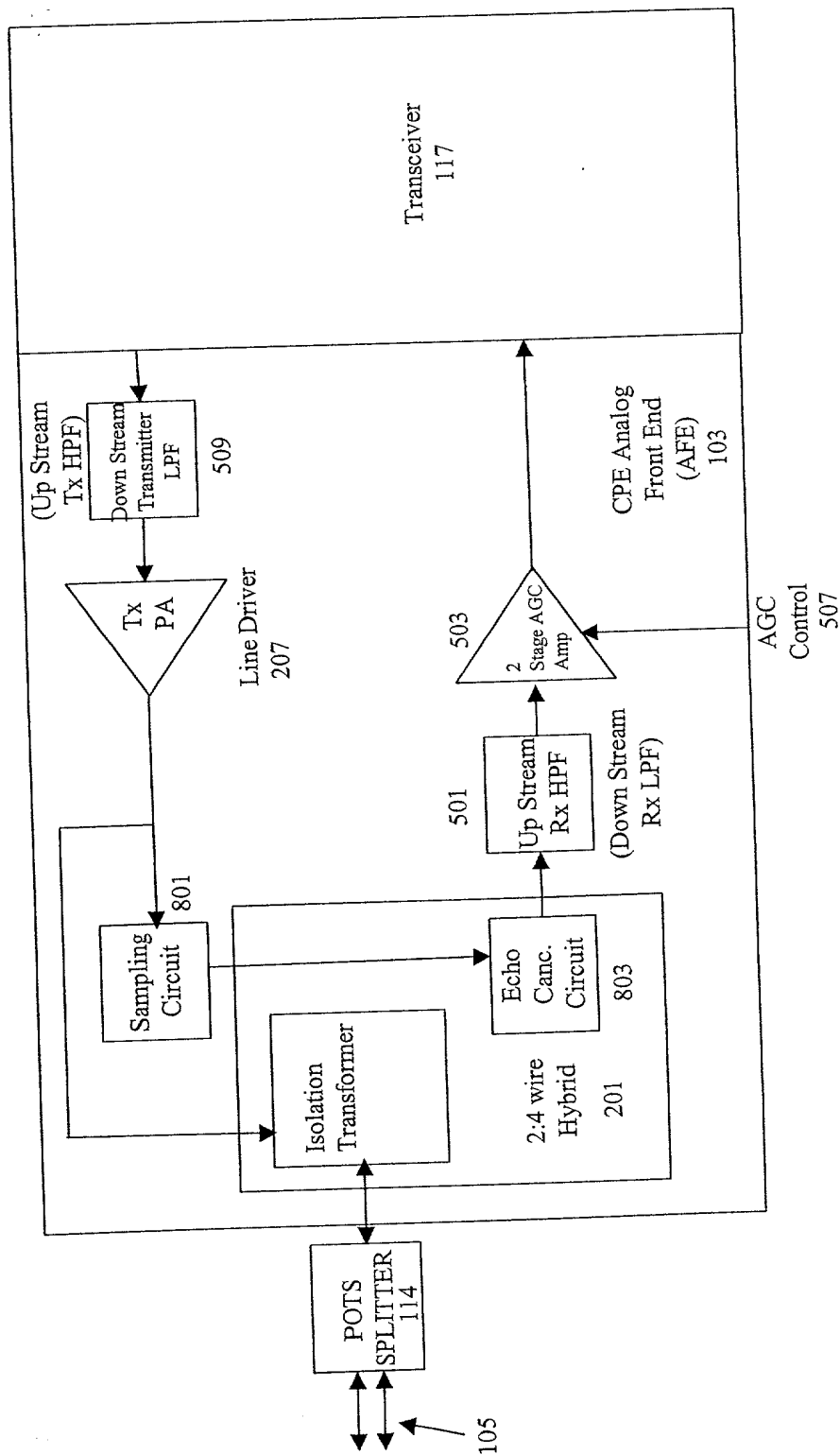


FIG. 8

xDSL CARD for CO (CPE)

202007085540660

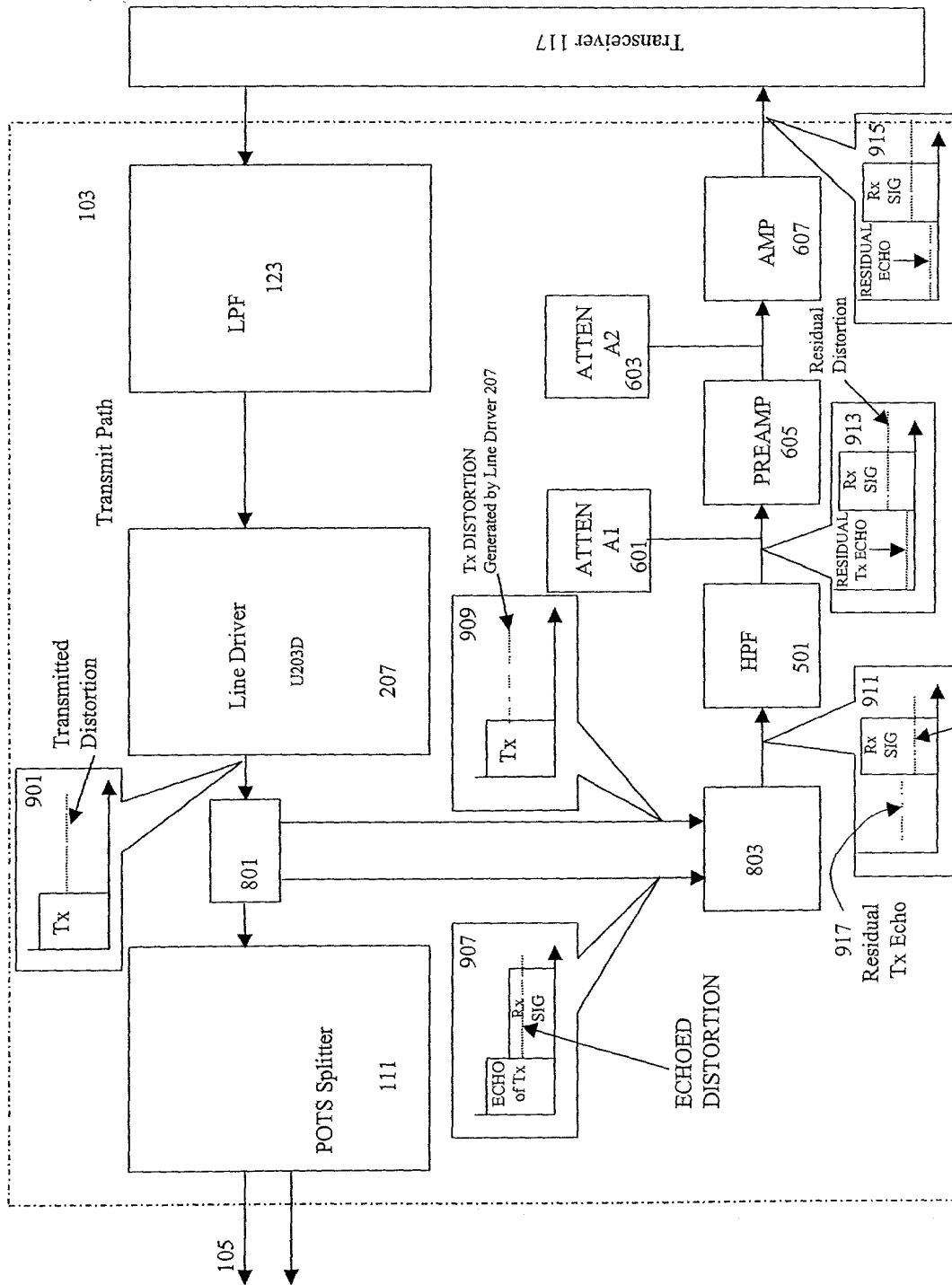


FIG. 9

CUSTOMER PREMISE EQUIPMENT (CO) SIDE AFE 919 Residual transmitter Echo Distortion

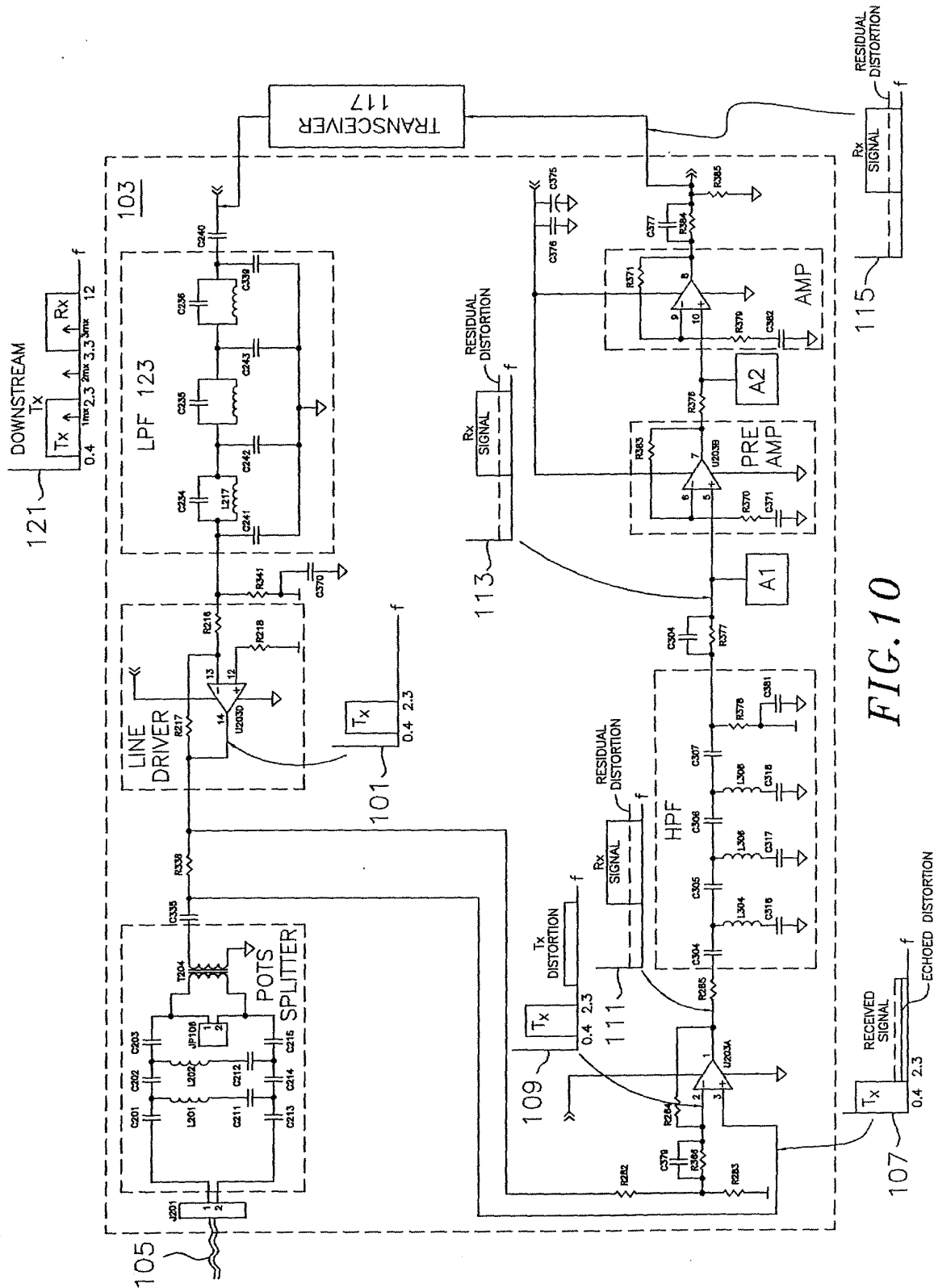


FIG. 10

# LIGHTNING INSENSITIVE AFE (BPF) EMBODIMENT

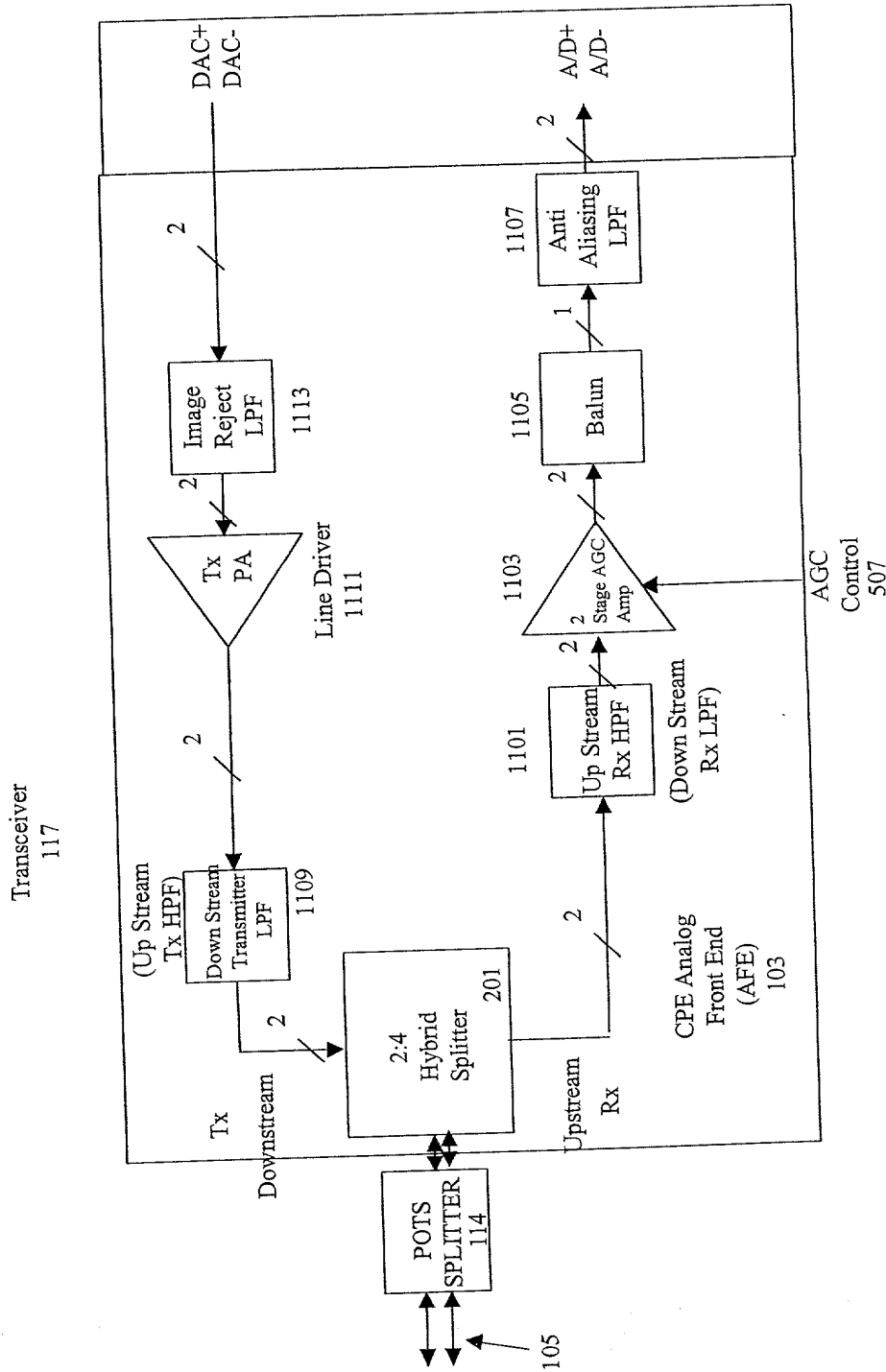


FIG. 11

xDSL CARD for CO (CPE)

lightning Insensitive Version

202012085570660

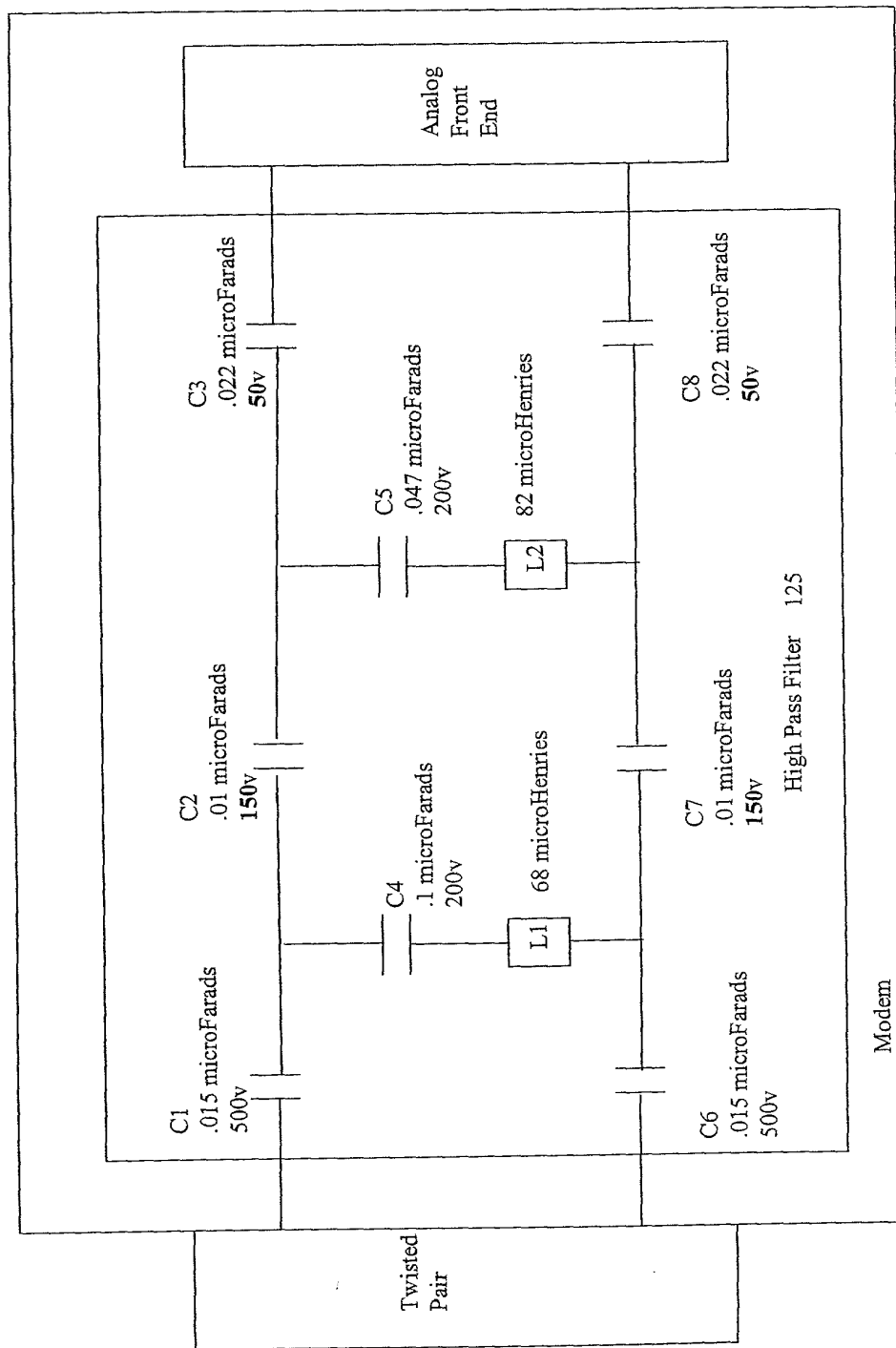


FIG.12

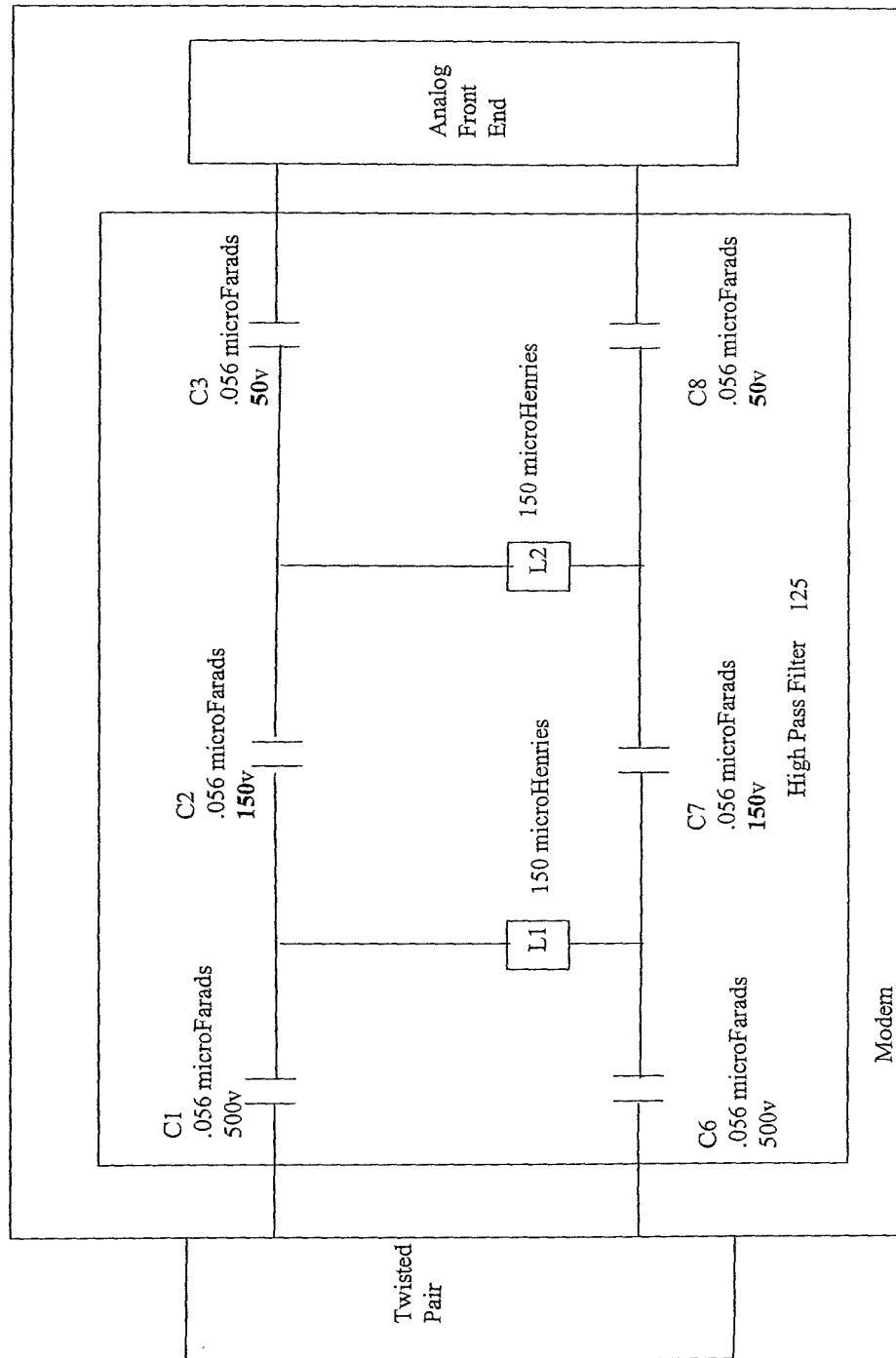


FIG.13

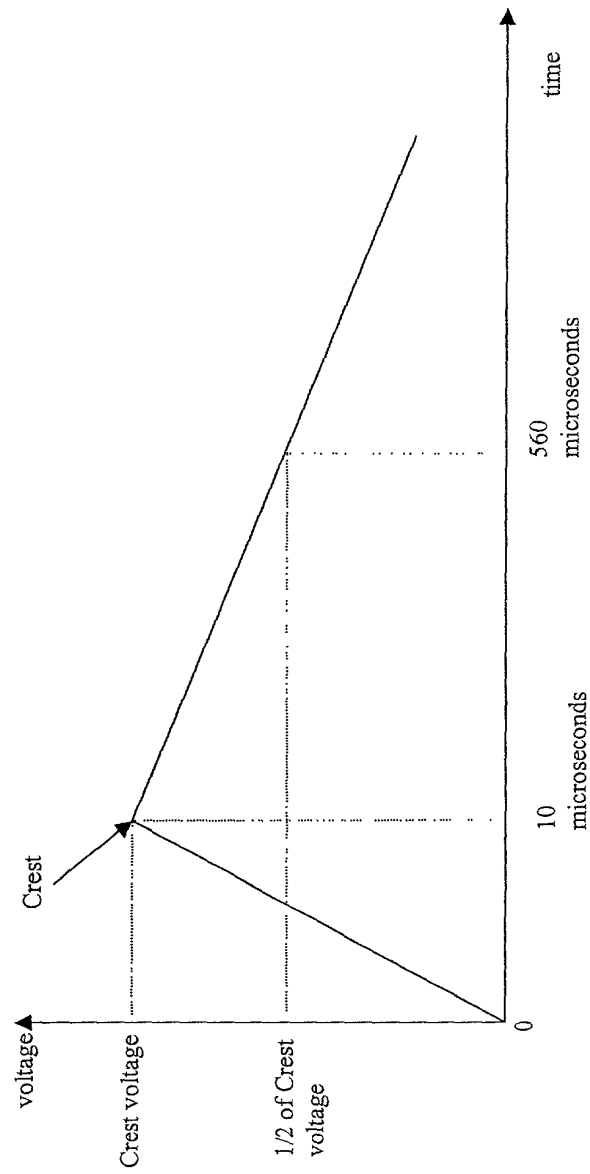


FIG. 14



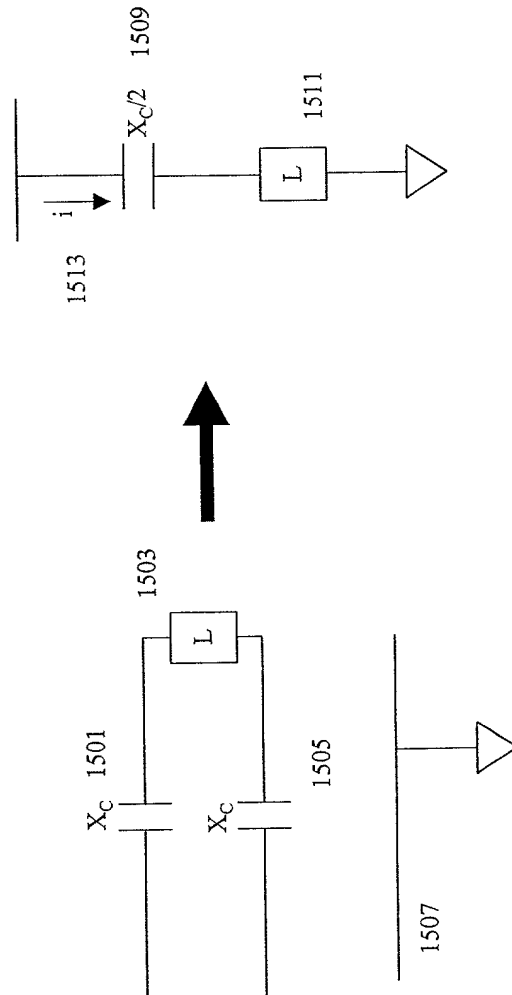


FIG. 15